

ABSTRACT

1 A vacuum pump non-return valve comprises a valve body that defines a through-
2 passage having an inlet side and an outlet side. A valve seat is disposed
3 intermediate said inlet and outlet sides of the through-passage. The valve seat is
4 defined by an insert made of an elastomeric material. The non-return valve has a ball
5 arranged to seat against the valve seat to prevent the passage of gaseous fluids
6 from the outlet side to the inlet side. The ball is displaceable, in use, from valve seat
7 by pressurised gaseous fluid in the inlet side of the through-passage to permit
8 passage of gaseous fluid from the inlet side to the outlet side of the through-
9 passage.